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Policia Kolmers



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Group Art: 1654

PIZZA et al.

Examiner: M. Borin

Serial No.:

09/297,171

Filed:

April 26, 1999

For:

IMMUNOGENIC DETOXIFIED MUTANT E. COLI LT-A TOXIN

## **POWER OF ATTORNEY**

Assistant Commissioner of Patents Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R.§1.36, Chiron Corporation, the Assignee of the above-identified patent application hereby appoints the following attorneys and agents, to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith.

Robert P. Blackburn - Reg. No. 30,447 Alisa A. Harbin - Reg. No. 33,895

Lisa E. Alexander - Reg. No. 41,576 Charlene A. Launer - Reg. No. 33,035

Anne S. Dollard - Reg. No. 49,935 David P. Lentini - Reg. No. 33,944

Joseph H. Guth – Reg. No. 31,261 Kimberlin L. Morley – Reg. No. 35,391

All attorneys of the law firm of Robins & Associates

Dated: 1/5/60

Please direct all correspondence and telephone calls regarding this application to the following:

Chiron Corporation Intellectual Property - R440 P.O. Box 8097

Emeryville, CA 94662-8097

TEL: (510) 923-2708 FAX: (510) 655-3542 Attn: Alisa A. Harbin

By:

CHIRON CORPORATION

Anne S. Dollard Assistant Secretary Registration No. 43,935

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I hereby certify that this paper is being deposited in the United States Postal Service as first class mail in an envelope addressed. Assistant Commissioner of Patent and Trademarks, Washington, D.C. 20231 on March 15, 2000. IN THE UNITED STATES PATENT AND TRADEMARK OFFICE Group Art: In re Application of: PIZZA ET AL. Examiner: M. Borin Serial No.: 09/297,171 Filed: April 26, 1999 **IMMUNOGENIC DETOXIFIED** For: **MUTANT E. COLI LT-A TOXIN** CERTIFICATE UNDER 37 C.F.R. § 3.73(b) Corporation CHIRON CORPORATION (Type of Assignee, e.g., corporation, partnership, (Name of Assignee) university, government agency,etc.) states that it is: 1. [X] the assignee of the entire right, title, and interest, or 2. [] an assignee of an undivided part interest in the patent application/patent identified above by virtue of either: An Assignment from the inventor(s) of the patent application/patent identified above. The A. [] assignment was recorded in the Patent and Trademark Office at Reel\_\_\_\_, Frame \_\_\_\_ or for which a copy thereof is attached. OR A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below: To: \_\_\_ The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached. To: 2. From: The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

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	[ ] Additional documents in the chain of title are listed on a supplemental sheet.						
[ X]	Copies of assignments or other documents in the chain of title are attached.  [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]						
The ur	ndersigned (whose title is supplied below) is empowered to act on behalf of the assignee.						
Date:	1/5/00						
Name	Anne S. Dollard						
	Assistant Secretary, CHIRON CORPORATION						
Signat	ture:						

FORM PTO-1595 (Rev. 6-93)	Recordation Form Cover Sheet (Patents Only)	U.S. Department of Commerce Patent and Trademark Office
To the Honorable Asst. Commissioner for Patents.		
Name of conveying party(ies):	2. Name and address	s of receiving party(ies)
Mariagrazia Pizza Marzia Monica Giuliani Rino Giuliani	Name: CHIR	ON S.p.A. ess: Via Fiorentina, 1
Additional name(s) of conveying parties attach	ned? Street Addres	s: I-53100
☐ Yes	City: Siena, I	TALY
3. Nature of conveyance:	Additional names	and addresses attached?
	er 🔲 Yes	⊠ No
☐ Security Agreement ☐ Chan	ge of Name	
Other:		
Execution Date: October 13, 1999		
4. Application Number(s) or Patent Numbers.		·
If this document is being filed together with a	new application, the execution date of the	application is:
A. Patent Application No(s): 09/29	7,171	
4. Application Number(s) or Patent Numbers.  If this document is being filed together with a  A. Patent Application No(s): 09/29  Additional numbers attached?	es 🛛 No	
5. Name and address of party to whom correspondence concerning document should be mailed:	ondence 6. Total number of a	pplications and patents involved: One
Name: Alisa A. Harbin	7. Total fee (37 CFF	3.41): \$40.00
CHIRON CORPORATION Intellectual Property – R440	⊠ Enclosed	☐ Charge Fees to Deposit Account
Intellectual Property – R440 P.O. Box 8097 Emeryville, CA 94662-8097 (510) 923-3888	during the pe	additional fees associated with this paper or endency of this application, or credit any t, to deposit account.
	8 Deposit account	number: 03-1664
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To the best of my knowledge and belief, original document.	the foregoing is true and correct and any	attached copy is a true of copy of the
Anna C. Delland	(den Oll and)	11/22/93
Anne S. Dollard  Name of Person Signing  Sig	gnature	Date/
Atty Reg. No. <u>43,935</u> Tot	al number of pages including cover sheet	, attachments and document <u>Five</u>
10. Change Correspondence Address to that of	Part 5? ☐ Yes ☒ No	
OMB N . 0651-0011 (exp. 4/94)	· .	
Mail documents to be recorded with required cover to:	Do not detach this portion	COPY ONLY DO NOT FORWARD
	Asst. Commissioner for Patents Box: Assignments Washington, D.C. 20231	TO ASSIGNMENT BRANCH

## **ASSIGNMENT**

WHEREAS, WE, MARIAGRAZIA PIZZA, MARZIA MONICA GIULIANI AND RINO RAPPUOLI

hereinafter referred to as *ASSIGNORS*, have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

IMMUNOGENIC DETOXIFIED MUTANT E. COLI LT-A

**TOXIN** 

Date of Execution:

Filing Date: April 26, 1999

Serial No: 09/297,171

WHEREAS, CHIRON S.p.A. of Via Fiorentina, 1, I-53100, Siena, ITALY, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in the above invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNORS by ASSIGNEE, receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE'S successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, to the full end and term of any Letters Patent.

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ASSIGNMENT BRANCE

ASSIGNOR further agrees that he will, without charge to said ASSIGNEE, but at ASSIGNEE'S expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE'S successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed his name to this assignment on the dates indicated below.

	12	Octobon	1000	
DATE	13	October	1999	

Inventor – Mariagrazia Pizza

Pizza Dr.ssa Maria Grazia nata ad Eboli il 13 Dicembre 1961, dirigente d'azienda residente in Siena Strada di Montalbuccio n. 160

Subscribed and Sworn to me this 13 day of October 1999

Notary & ublic

COPY ONLY DO NOT FORWARL TO ASSIGNMENT BRANC ASSIGNOR further agrees that he will, without charge to said ASSIGNEE, but at ASSIGNEE'S expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE'S successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed his name to this assignment on the dates indicated below.

DATE 13 October 1999

Inventor - Marzia Monica Giuliani

Giuliani Dr.ssa Marzia Monica nata a Bagni di Lucca il 9 Febbraio 1961, residente a Castelnuovo Berardenga,località Poggiarello La Ripa n. 48, biologa

Subscribed and Sworn to me this 13 day of October 1999

Notary Public

COPY ONLY DO NOT FORWARD TO ASSIGNMENT BRANCH ASSIGNOR further agrees that he will, without charge to said ASSIGNEE, but at ASSIGNEE'S expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE'S successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed his name to this assignment on the dates indicated below.

DATE 13 October 1999

Inventor -Rino Rappuoli

Dottor Rappuoli Rino nato a Radicofani il 4 Agosto 1952. residente in Monteriggioni, Quercegrossa, Via Calamandrei n.39. dirigente di azienda

Subscribed and Sworn to me this 132 day of October 1999

Notary Public

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